

to affect at least one of a light transmission factor and a light transmission amount;

photoelectric conversion means for receiving an optical image transmitted through said [material] physical element at a position of an imaging plane, and for converting the optical image into an electrical image signal; and

correction means for correcting a light transmission factor wavelength dependency of said [material] physical element in accordance with at least one of light transmission factor characteristics and light transmission amount characteristics changed by the control of the physical characteristics of said [material] physical element.

Claim 2, line 5, change "material" to --physical--.

Claim 6, line 3, change "material" to --physical--.

Claim 7, line 4, change "material" to --physical--;
line 6, change "material" to --physical--.

Claim 8, line 6, change "material" to --physical--.

9. (Twice Amended) A video camera comprising:

a [material] physical element, arranged in a photographing optical system, for controlling a [material] physical characteristic of said [material] physical element to affect at least one of a light transmission factor and a light transmission amount;

photoelectric conversion means for receiving an optical image transmitted through said [material] physical element at a position of an imaging plane, for converting the optical image into an electrical image signal, and capable of adjusting at least one of a light accumulation time and a sensitivity; and

exposure amount adjustment means for controlling an exposure amount by a combination of adjusting at least one of the light transmission factor and the light transmission amount of said [material] physical element, and at least one of the light accumulation time and the sensitivity of said photoelectric conversion means.

Claim 10, line 4, change "material" to
--physical--.

Claim 11, line 4, change "material" to
--physical--.